Product Support Guide
D131 / D132 / D133

Introduction

Model Type	**B/W MFP**
Launch Date	**8/15/2012**
S/N Configuration	**V69/V70/V71**
Product Code	**D131 / D132 / D133**

Brand/Model Name

Product Code	Ricoh	Lanier	Savin
D131	MP 6002	MP 6002	MP 6002
D132	MP 7502	MP 7502	MP 7502
D133	MP 9002	MP 9002	MP 9002

Product Concept

The D131 series will provide the following advanced features:

- Highest speed for office customers 60/75/90 CPM,
- Advanced ADF functions: Color one pass duplex scanning: 250 sheet capacity,
- New Multi-folding unit with Inline Z / Tri / Half / Gate folding abilities

Subject to change without notice

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Order Number
Main Frame

Item	Model Name	EDP Code	Notes
D131-17	Ricoh Aficio MP 6002 Lanier MP 6002 Savin MP 6002	415876	
D132-17	Ricoh Aficio MP 7502 Lanier MP 7502 Savin MP 7502	415878	
D133-17	Ricoh Aficio MP 9002 Lanier MP 9002 Savin MP 9002	415880	
D131-57	Ricoh Aficio MP 6002 SP Lanier MP 6002 SP Savin MP 6002 SP	415877	
D132-57	Ricoh Aficio MP 7502 SP Lanier MP 7502 SP Savin MP 7502 SP	415879	
D133-57	Ricoh Aficio MP 9002 SP Lanier 9002 SP Savin 9002 SP	415881	

NOTE: **Order Numbers are provided for reference purposes only**

Options

Item	Description	EDP Code	Product Code	Common / Unique
SR4060 Finisher	Finisher 50 sheet staple	415901	D611	U
SR4070 Finisher	Finisher 50 sheet staple / Saddle stitch	41902	D612	U
SR4080 Finisher	Finisher 100 sheet staple	415900	D610	U
Type 9002 Printer / Scanner Unit	Printer / Scanner Unit	415919	D620-01	U
SD card for Netware Print – Type L	Print Option	416236	D620-46	U
Fax Option Type 9002	Fax Option	415912	D619	U
Tab Sheet Holder Type 9002	Tab Holder	416230	B499	U

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Item	Description	EDP Code	Product Code	Common / Unique
G3 Interface Unit Type 9002	G3 Interface Unit	415917	D619-11	U
11” x 17” Tray Unit	11” x 17” Tray Unit	415017	D482	C
PostScript 3 Type 9002	PostScript 3	415923	D620-20	U
Multi Folding Unit Type FD4000	Multi Folding Unit	415908	D615	U
Java VM card Type U	Java VM card	416163	D640	U
LCIT RT4010	External LCT	415904	D613	U
Punch Unit Type 3260	Punch Unit 2/3 NA for 50 sheet staple finishers	412209	B702	C
Punch Unit Type 1075	Punch Unit 2/3 NA for 100 sheet staple finisher	411198	B531	C
Cover Interposer Type CI4000	Cover Interposer Tray Type	415906	D614	U
Copy Tray Type 9002	Copy Tray	416229	B756	U
LG Unit Type 9002	LG Unit for LCT (B473)	416232	B474-41	C
9 Bin Mail Box CS4000	9 Bin Mail Box*2	415907	D616	U
Key Counter Bracket Type 1027	Key Counter Bracket	412537	B452	C
Fax Connection Unit Type B	Fax connector	415929	D621	U
Card Reader Bracket	Card Reader Bracket	411203	B498	C
Output Jogger SR4080	Output Jogger	416231	B513-41	U
Output Jogger SR4060/4070	Output Jogger	415903	B513-11	U
File Format Converter Type E	File Format Converter	414007	D377	C
Copy Connector Kit Type 3260	Copy Connector Kit	412415	B328	C

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Item	Description	EDP Code	Product Code	Common / Unique
Key Counter Interface Type A	Optional 20 Pin interface Unit	413012	B870-11	C
Data Overwrite Security Type H	Security Unit Type H	414002	D377	C
Gigabit Ethernet Type B	Gigabit Ethernet	414204	D377-21	C
Booklet Maker BK5010e	Production Booklet Maker	404305	-	C
Cover Feeder CF5010	Cover Feeder	413102	-	C
Trimmer TR5010e	Trimmer	404299	-	C
Booklet Folder BF5010e	Booklet Folder (Requires Trimmer	404300	-	C
Rail Unit for BK5010	Rail Unit	413105	-	C
GBC Stream Punch MP	GBC Stream Punch Pro	404412	VR41-	C
Fax Memory Kit Type B	Fax Memory Kit 32MB	400516	G578-17	C
Copy Data Security Type F	Copy Data Security	413985	B829-07	C
IEEE 1284 Interface Board Type A	IEEE 1284 Interface Board	411699	B679-17	U
IEEE 802.11G Interface Unit Type J	Wireless LAN Interface Unit	414008	D377-01	U
Bluetooth Interface Unit Type D	Bluetooth Interface Unit	415818	D566	U
Remote Communication Unit Type BN1	Remote Communication Gate	429500	A768-17	U
IPDS Unit Type 9002	IPDS SD card Option	415926	D620-25	U
Browser Type J	Browser	416233	D620-41	U
Removable Hard Drive Type MP9002 RHD	Removable Hard Drive	007106MIU	-	U

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Item	Description	EDP Code	Product Code	Common / Unique
Additional Removable Hard Dive Type MP9002 ARHD	Additional Removable Hard Drive	007107MIU	-	U

*1 Multi Folder FD5000 is not available with **PCL5e Printer Driver** *2 Used only on **SR4060 and SR4070**

GBC MP – BK5010 Options

Item	Description	EDP Code	Product Code	Common / Unique
ST5010e Trimmer option	Two Side Trim Option	100277FNG	-	C
Trim waste Kit Type BF5010e	Trim Waste Kit	100285FNG	-	C
GBC Die Set 3 Hole	Ring Binder 3 Hole Die	001450MIU	-	C
GBC Die Set 3 Hole HD	HD 3 Hole Die	404415	-	C
GBC Die Set 11 Hole	Velobind 3 Hole Die	001451MIU	-	C
GBC Die Set 19 Hole	Cerlox 19 Hole Die	001452MIU	-	C
GBC Die Set 19 Hole HD	HD 19 Hole Die	404416	-	C
GBC Die Set 21 Hole Twin Loop Wire	Twin Loop Wire 2:1 Hole Die	001454MIU	-	C
GBC Die Set 32 Hole Twin Loop Wire	Twin Loop Wire 3:1 Hole Die	001454MIU	-	C
GBC Die Set 44 Hole Color Coil	Color Coil 44 Hole Die	001455MIU	-	C
GBC Die Set 44 Hole HD	HD 44 Hole Die	404417	-	C
GBC Die Set 32 Hole Pro Click	Pro Click 32 Hole Die	002493MIU	-	C

Installation Times

Unit	Installation times	Unit	Installation time
Mainframe	30 minutes	Fax Unit	20 minutes

LCT:	10 minutes	9 Bin Mail Box:	10 minutes
LCT/LG Kit:	10 minutes	Printer/Scanner:	5 minutes
A3/DLT Kit	5 minutes	Wireless LAN:	5 minutes
Finisher (D611/D612):	10 minutes	IEEE 1394:	5 minutes
Finisher (D610):	15 minutes	Connection Kit:	5 minutes
Punch Unit for Finishers:	5 minutes	Cover Interposer:	10 minutes
Jogger Unit for Finishers:	3 minutes	MLB	5 minutes
Exit Tray:	3 minutes	Tab Sheet Kit:	1 minute
Data Overwrite Security	5 minutes	Multifolding unit	10 minutes

Supplies/Yields

Supplies						
New or Existing	**D131/D132/D133**	**Ricoh product code**	**Savin product code**	**Lanier product code**	**Packaging**	**Yield**
E	Toner type 6110D/6075/6110D	841332	841332	841332	4x1,100 g/bottle	172K
E	Staple type H for SR4080	410508	410511 9849	410508	1 x 5,000/ ctn	5K
E	Staple refill type H for SR 4080	410509	410512 9850	410509	5 x 5,000/ ctn	25K
E	Staple type K for SR4060/SR4070	410801	410803 9858	410801	1 x 5,000/ ctn	5K
E	Staple refill type K for SR4060/SR4070	410802	410804 9859	410802	3 x 5,000/ ctn	15K
E	Staple type L for SR4070 Saddle stitch	411240	411242 9885	411248 4800091	1 x 2000/ ctn	2K
E	Staple refill type L for SR 4070 Saddle stitch	411241	411243 9886	411249 4800092	4 x 2000/ ctn	8K
E	Staple type SR90 for BK5010e	411476	411476	411476	4 x 5000/ ctn	20K
Note* The only RAC options are Ricoh/Lanier/Savin Tri-Branded Toner **Note *1 – N indicates not NEW toner but new TRI-Branded EDP code.**						
PARTS						
E	Developer type 24 (black)	B0649645	B0649645	B0649645	1 Each	300K
E	OPC Drum	B2469510	B2469510	B2469510	1 Each	1,200K

Note - A4, 6% chart is used to measure the above yield. Storage period for toner is max. 1 year.

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Option Compatibility

Hardware Options		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	11”x17” / A3 Tray Type 9001																	
2	Tab Sheet Unit Type 9002																	
3	LG Unit for LCT Type 9002				M													
4	A4/LT LCT RT4010																	
5	GBC MP punch unit																	
6	Copy Tray							X	X	X	X	X	X	X	X	X	X	X
7	50 Staple Finisher SR4060						X		X	X			X		X	1	1	X
8	Saddle Stitch Finisher SR4070						X	X		X			X		X	1	1	1
9	100 Staple Finisher SR4080						X	X	X		M	X	1	X	1	1	X	1
10	Bookletmaker BK5010E						X			M					X		X	
11	PU for 50 staple						X	1	1	X	X		X		X			
12	PU for SR4050						X	X	X	1		X		X				
13	Jogger Unit for 50 staple						X	1	1	X								
14	Jogger Unit for 100 staple						X	X	X	1								
15	Cover Interposer						X	1	1	1	X						X	
16	9-bin Mailbox						X	1	1	X	X					X		
17	Multi Fold unit						X	X	1	1								

X: Cannot be installed together M: Must be installed together in RAC Market
1: May select one of these options & be installed together

Software Options		19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
19	Printer/Scanner Unit															
20	PostScript 3	M														
21	IEEE1284 Centro	M			X	X	X									
22	Wireless LAN	M		X		X	X									
23	Bluetooth Unit	M		X	X		X									
24	Gigabit Ethernet	M		X	X	X										
25	HDD Overwrite Unit															
26	Copy Data Security Unit															
27	HDD Data Encryption Unit															
28	FAX Option															
29	G3 Interface Unit										M					
30	Copy Connector															
31	Java VM Card															
32	File Format Converter															
33	USB Host interface															

Branding Information

Branding is required as the machines are shipped as a generic version.
Ricoh version machines: You must attach the model label (provided) to the front cover.
Savin/Lanier: You must attach the model label to the front cover and set the Plug and Play name with SP 5-907.

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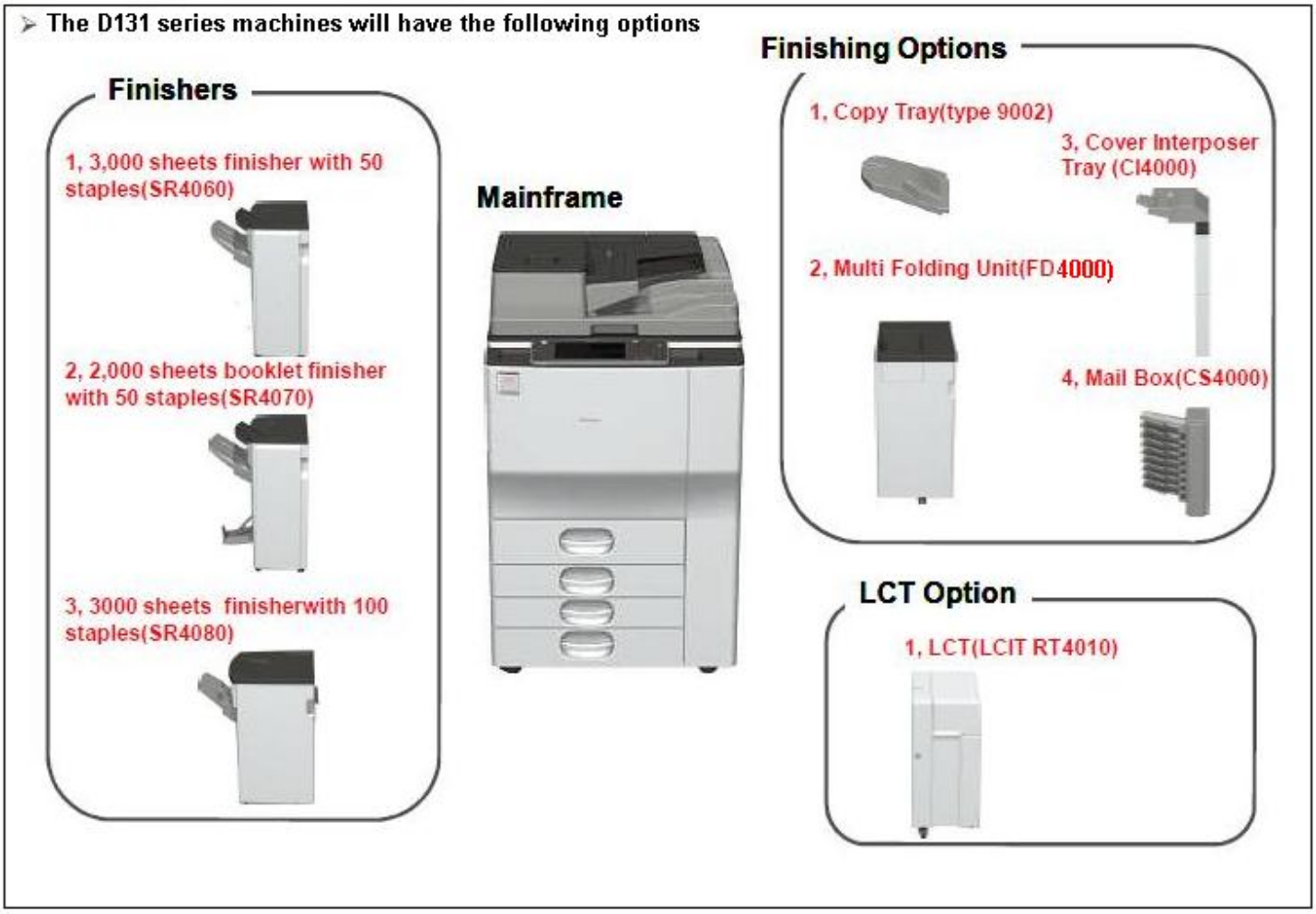
Configuration

Main Frame Configuration


The D131 series machines will have the following options
Finishers
1, 3,000 sheets finisher with 50 staples(SR4060)
2, 2,000 sheets booklet finisher with 50 staples(SR4070)
3, 3000 sheets finisherwith 100 staples(SR4080)
Mainframe
Finishing Options
1, Copy Tray(type 9002)
3, Cover Interposer Tray (CI4000)
2, Multi Folding Unit(FD4000)
4, Mail Box(CS4000)
LCT Option
1, LCT(LCIT RT4010)

Description	EDP
B613 – RT4010 – LCIT	415904
B756 - Copy Tray Type 9002	416229
D615 – FD4000 - MultiFolding Unit	415908
D610 – SR4080 Finisher	415900
D611 – SR4060 - Finisher	415901
D612 – SR4040 - Finisher	415902
B614 - Cover Interposer Type CI4000	415906
B616 – CS4000 9 Bin Mailbox * Cannot be used on SR4080	415907

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MFP Options

Feature Comparison To Previous version

OPTION	D062/D063/D065/D066	D131 / D132 / D133
SD slots	2 slots	2 Slots
Model line up	4 Models – 60/70/80/90 cpm	3 Models – 60/70/80 cpm
Fusing Unit	D066 – Hot/Pressure Roller – 50mm	Hot/Pressure Roller – 40mm
Scanner	Color / Black /White	Color / Black /White
Paper Weight	Std Tray 52-127gsm/Bypass 52-216gsm	Std Tray 52-216gsm/Bypass 52-216gsm
Bypass Duplex	Not available.	Duplex from the Bypass tray - Yes

MFP Option Board Slot / SD Card Assignments

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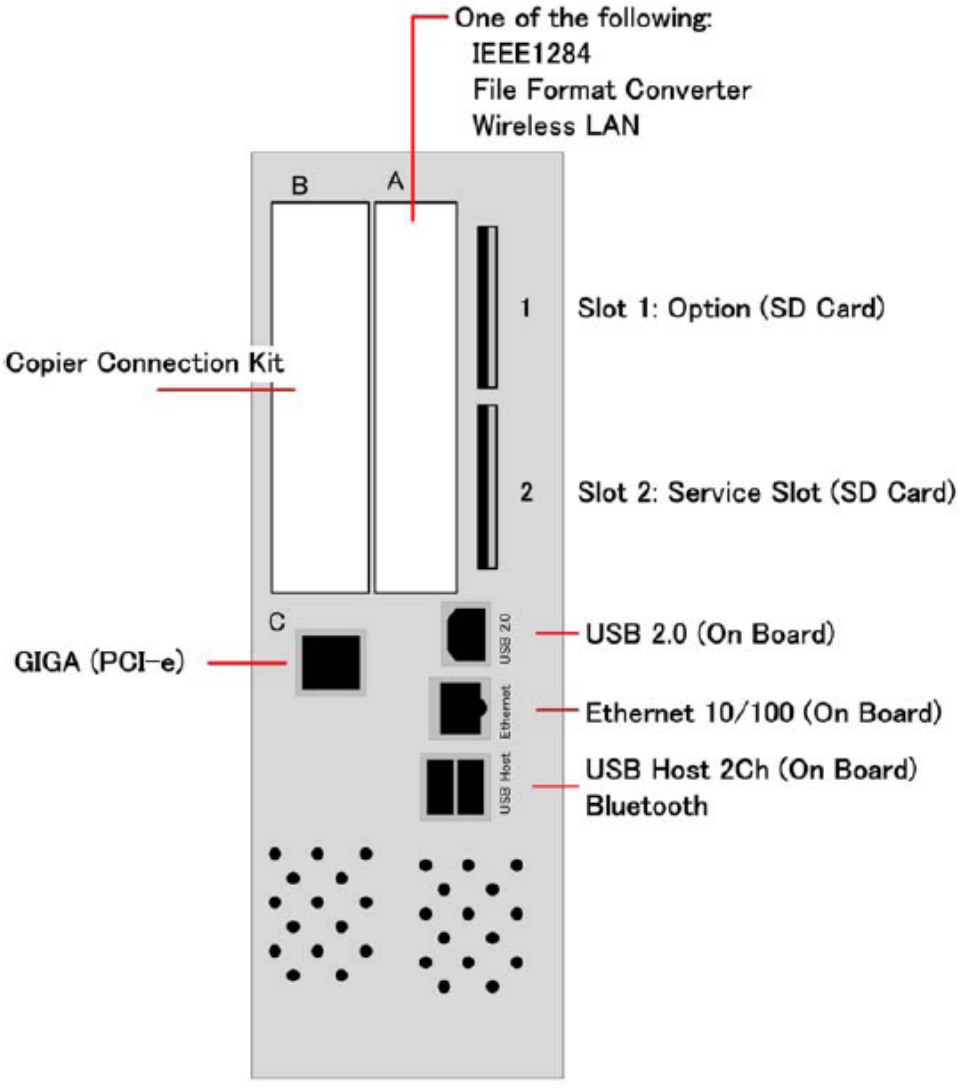

Installation

Installation Requirements

1. Temperature Range
   - Recommended: 15 C to 25 C (59 F to 77 F).
   - Possible: 10 C to 32 C (50 F to 90 F).
2. Humidity Range:
   - Recommended: 30% to 70% Rh.
   - Possible: 15% to 80% Rh.
3. Ambient Illumination: Less than 1,500 lux (Do not expose to direct sunlight or strong light.).
4. Ventilation: Room air should turnover at least 3 times per hour.
5. Ambient Dust: Less than 0.10 mg/m3.
6. If the place of installation is air conditioned or heated, do not place the machine where it will be:
   - Subjected to sudden temperature changes.
   - Directly exposed to cool air from an air-conditioner.
   - Directly exposed to heat from a heater.
7. Do not place the machine where it will be exposed to corrosive gases.

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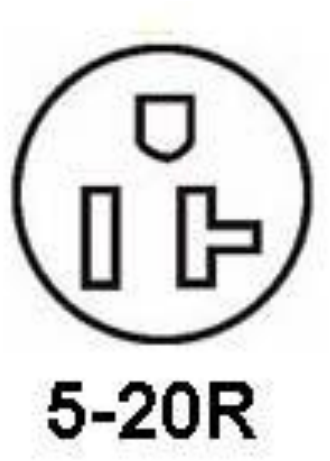
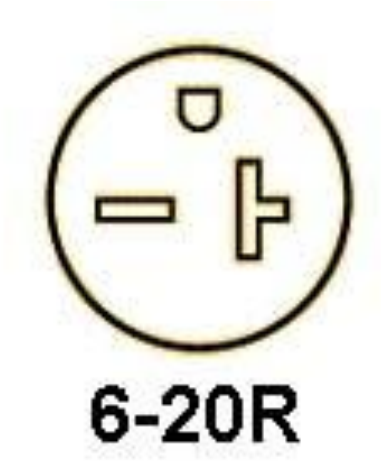
8. Do not install the machine at any location over 2000m (6,500 feet) above sea level.
9. Place the copier on a strong and level base with the front and back of the machine within +/- 5mm of level.
10. Do not place the machine where it may be subject to strong vibrations.
11. Do not connect the machine to a power source shared with another electrical appliance.
12. The machine can generate an electromagnetic field, which could interfere with radio or television reception.

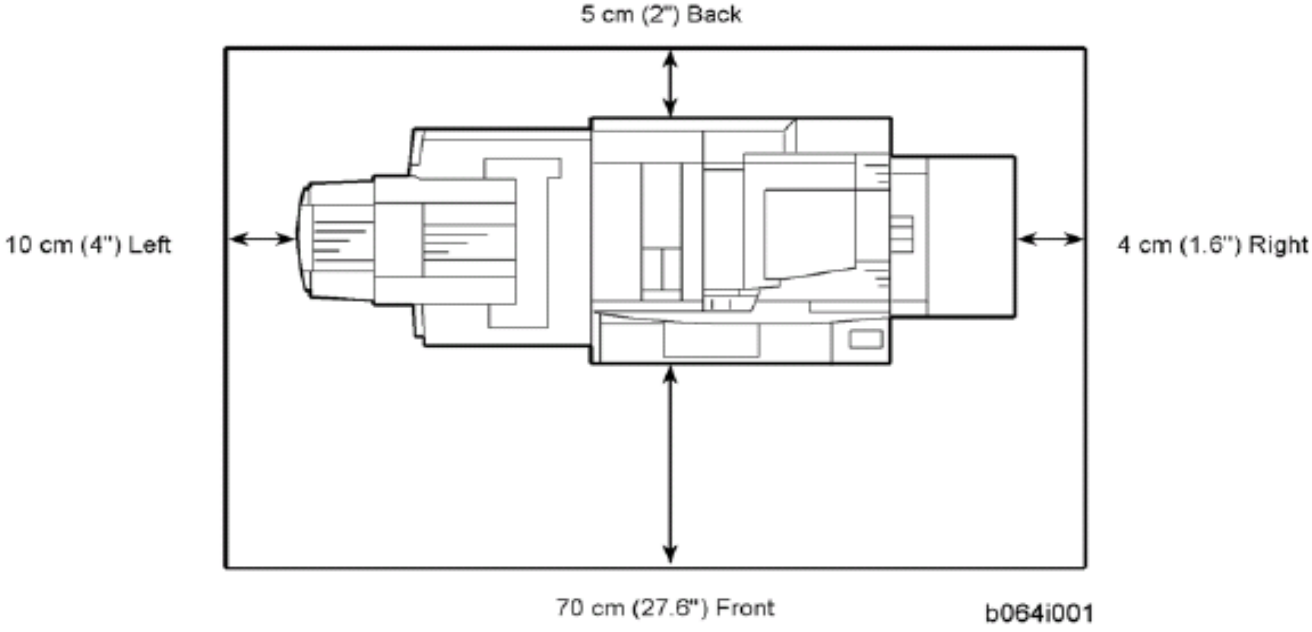
Power Requirements

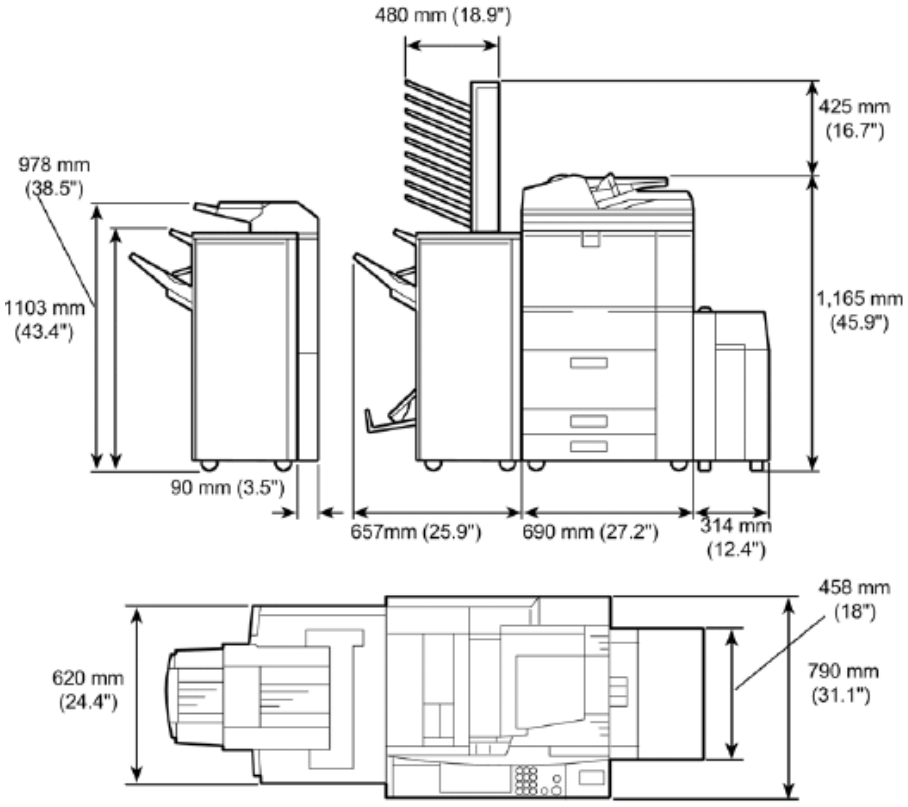




D131/D132	D133
Input voltage level: 110 - 120 V, 60Hz: 20A	Input voltage level: 208 - 240 V, 60Hz: 12A
Do not place anything on power cord	Do not place anything on power cord
The required wall outlet is a NEMA 5-20R (receptacle)	The required wall outlet is a NEMA 6-20R (receptacle)

Space requirements





Power Consumption / Noise Emission

Power Consumption

D131

Power consumption	Mainframe	Full System
Warm Up	1380W	1410W
Stand by	269W	289W
Operating	1230W	1330W
Maximum	1620W	1720W

D132

Power consumption	Mainframe	Full System
Warm Up	1400W	1420W
Stand by	269W	289W
Operating	1250W	1350W
Maximum	1640W	1740W

D133

Power consumption	Mainframe	Full System
Warm Up	1720W	1740W
Stand by	299W	320W
Operating	1480W	1610W
Maximum	1750W	1880W

Noise Emission

D131 / D132	Main Unit
Standby	51dB
Printing	72dB
D131 / D132	**Full System**
Standby	51dB
Printing	75dB
D133	**Main Unit**
Standby	54dB
Printing	74dB
D133	**Full System**
Standby	54dB
Printing	78dB

The above measurements were made in accordance with ISO 7779.
The measurements were taken from the normal position of the operator.

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Mainframe

Unique/Common
U: Unique for this model
C: Common with listed model

D131/D132 – 300K PMD131300K / 450K PMD131450K
D133 – 300K PMD133300K / 450K PMD133450K

Part Number	Description	Q'ty/ Unit	PM Interval	Unique or Common
Around Drum				
B0649640	Developer Type24 Black	1	300k	C
B2469510	OPC Drum	1	1200k	C
A0962060	Charge Corona Grid	1	300k	C
B0702364	Charge Corona Wire	1	300k	C
A0962063	Charge Wire Cleaning Pad	1	300k	C
AD041140	Cleaning Blade	1	300k	C
B2472330	Cleaning Brush	1	300k	C
D0621233	Ozone Filter	1	300k	C
D1313340	Development Filter	1	300k	C
D1333340	Development Filter (D133)	1	300k	C
D1313161	Toner Recycling Unit	1	600k	C
D1333161	Toner Recycling Unit (D133)	1	600k	C
B0702114	Filter Toner	1	300k	C
AA012128	Filter	1	300k	C
Transfer Belt Unit				
A2933899	Transfer Belt	1	600k	C
AD041126	Transfer Roller Cleaning Blade	1	600k	C
ADF				
B4772225	Pick-up Roller	1	120k originals	C
A8592241	Separation Roller	1	120k originals	C
A8061295	Paper Feed Belt	1	120k originals	C
B6523121	ADF Transport Belt	1	120k originals	C
Fusing Unit				
AE045067	Cleaning Web	1	450k	C
AE045068	Cleaning Web (D133)	1	450k	C
AE044068	Cleaning Web Pressure Roller	1	450k	C
AE040038	Cleaning Web Pressure Roller (D133)	1	450k	C
AE011117	Hot Roller	1	450k	C
AE011117	Hot Roller	1	450k	C
AE011044	Hot Roller (D133)	1	450k	C
AE030054	Hot Roller Bearing	2	450k	C
AE030017	Hot Roller Bearing (D133)	2	450k	C
AE044060	Hot Roller Stripper	5	450k	C
AE042066	Pressure Cleaning Roller	1	450k	C
AE042052	Pressure Cleaning Roller (D133)	1	450k	C
AE031026	Pressure Cleaning Roller Bearing	2	450k	C

Part Number	Description	Q'ty/ Unit	PM Interval	Unique or Common
AE031024	Pressure Cleaning Rlr Bearing (D133)	2	450k	C
AE020209	Pressure Roller	1	450k	C
AE020178	Pressure Roller (D133)	1	450k	C
AE030053	Pressure Roller Bearing	2	450k	C
AE030018	Pressure Roller Bearing (type-e)	2	450k	C
AW100131	Thermistor Center	1	450k	C
AW100132	Inner Back Fusing Thermistor	1	450k	C
AW100076	Inner Back Fusing Thermistor (type-e)	1	450k	C
Paper Feed				
AF031082	Feed Roller	3	1000k	C
AF030081	Pick-up Roller	3	1000k	C
AF032080	Separation Roller	3	1000k	C
AF031083	By-pass Feed Roller	1	1000k	C
AF030080	By-pass Pick-up Roller	1	1000k	C
AF031082	Feed Roller	3	1000k	C

Note:
The yield figures in the above table are based on the following conditions:

- A4 (LT) long-edge feed
- 5% image coverage ratio
- 5 copies/original(D131, D132), 10 copies/original(D133)

Options

LCIT D613

Unique/Common
U: Unique for this model
C: Common with listed model

Part Number	Description	Q'ty /Unit	PM Interval : Km (feet)	Unique or Common
AF030080	Pick-up Roller	1	1000k	C
AF031083	Feed Roller	1	1000k	C
AF032080	Separation Roller	1	1000k	C

CI 4000 D614

Unique/Common
U: Unique for this model
C: Common with listed model

Part Number	Description	Q'ty /Unit	PM Interval : Km (feet)	Unique or Common
A8061295	Feed belt	1	60k originals	C
B4772225	Pick-up Roller	1	60k originals	C
A8592241	Separation Roller	1	60k originals	C

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Special Tools & Lubricants

Item	Part Number	Description	Q'ty	Unique or Common
1	A0069104	Scanner Positioning Pin (4pcs/set)	1	C
2	A2929500	Test Chart - OS-A3 (10 pcs/set)	1	C
3	B6455020	SD-CARD:SERVICE:1GB	1	C with other models
4	A2579300	Grease - Barrierta S552R	1	C
5	52039502	Silicon Grease G-501	1	C
6	G0219350	Loop Back Connector	1	C
7	B0649500	Test Chart for CIS	1	C
8	54429101	Setting Powder	1	C

Note: A PC (Personal Computer) is required for creating the Encryption key file to an SD card when replacing the controller board for a model in which HDD encryption has been enabled.

Target Reliability

Model	D131	D132	D133
Average Monthly Volume	25K	40K	70K
PM Interval	300K		
Life	5 Years or 9000K prints – Whichever comes first.		

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Specifications / Documentation

Engine

Items	Specification	Remark
Configuration	Console	
Printing Process	Four laser beams & Electro-Photographic printing	
Scanning Element	Simultaneous Double Sided Scanner Flatbed with moving CCD array image sensing and sheet through with fixed CIS array image sensing	
Development	Dry two component magnetic brush system	
Fusing	Fusing roller type	
Warm up time	D131/D132 – 30 sec or less / D133 - 300 seconds or less	
Power source	60/75 cpm 120V 60Hz 20A 90 cpm 220V 60Hz 12A	
Max Power consumption	60/75 cpm 1.8kw – 90 cpm 1.9kw	
Dimensions	27.2” x 31.5” x 46.1”	
Weight	Less than 480.6lbs.	
First Copy speed	60 cpm - 3.9 seconds or less	
	75 cpm - 3.3 seconds or less	
	90 cpm - 3.1 seconds or less	
Paper Weight	Trays 1 & 2 – 52 – 169 g/m2 Tray 3 – 52 – 216 g/m2 Bypass Standard – 52 – 216 g/m2 Duplex - 63 – 169.9 g/m2 - LCT – 52 – 125 g/m2	
Engine Speed	D131 - 60PPM D132 - 75PPM D133 - 90PPM	A4/LT LEF
Resolution	Printing – 1,200 DPI Scanning – 600 DPI	
Zoom	25 – 400%	1% steps
Number of Copy jobs	Up to 8 job reservations	
Multiple copy amount	Up to 999 sheets	
Image density Selection	Auto Density Selection / Manual : 9 levels	
Standard paper capacity	4300 sheets Tray 1 1550 x 2 sheets (tandem) Tray 2 550 sheets Tray 3 550 sheets	
Maximum paper capacity	8,300 sheets LCT – 4000 sheets	
Paper output	A4 / 8.5” x 11” and smaller - 500 sheets B4 and larger – 250 sheets	
Voltage Fluctuation	+/- 10%	
Power Source	D131/D132 – 120V / 60 hz / 12A	
	D133 – 208 – 240 / 60 Hz / 12A	
Power Consumption	Maximum – 1.8 kW	
Energy start	Implemented	

Items	Specification	Remark
Memory	Basic 1GB / 1.5GB (Copy Printer model)	
HDD Capacity	250 GB	
Dimensions (WxDxH)	690 x 799 x 1171 mm (27.2” x 31.5” x 46.1”)	
Weight	Less than 218 kg (480 lbs)	
Toner Replenishment	Cartridge (1100g)	
Total counter	Electric counter	

Options

ARDF	
Dimensions	26.7” x 22” x 7”
Weight	40.7 lbs.
Power consumption	95 W or less
Noise	71 dB or less
Stack capability	150 sheets (8.5” x 11”) 80 gm2 250 sheets (8.5” x 11”) 69 gm2
Original size	Simplex – 5.5” x 8.5” / 8.5” x 11” / 8.5” x 14” / 11” x 17”
	Duplex – 5.5” x 8.5” / 8.5” x 11” / 8.5” x 14” / 11” x 17”
Original weight	Simplex – 40 – 128 g/m2 / 11 – 34 lb Bond
	Duplex – 52 – 128g/m2 / 14 – 34lb Bond
Auto Original size detect	11” x 17” / 10” x 14” / 8.5” x 14” / 8.5” x 11” (SEF-LEF)
Original set position	Rear left corner
Separation	Feed belt and separation roller
Original transport	Roller transport
Original feed order	From top Original
Power Source	24Vdc from the main machine +/- 10%
Power Consumption	Less than 110W

A3 / 11” x 17” Tray Type 9001 (D482)	
Paper Size	A3 / B4 / 11” x 17” / 8.5” x 14” / A4 SEF- LEF / 11” x 8.5” SEF - LEF
Paper Weight	52 - 163 g/m2 / 16 - 40lb. Bond 50 - 60lb. Cover - 90lb. Index (No Tab)
Tray Capacity	1,000 sheets (80 g/m2, 20lb.)

Paper Feed Unit RT4010 (LCT D613)	
Paper Capacity	4,000 sheets
Paper Sizes	A4 LEF / 8.5 x 11 LEF / B4 LEF
Paper Weight	52 to 128 g/m2 (14 to 34 lbs)
Pick up and feed	FRR type
Power Consumption	Less than 50 W (Max.)
Power Supply	DC24 V, 5V (powered by the main unit)

Subject to change without notice

LG Size Tray Type 9002 (B474-41)	
Paper Sizes	A4 LEF / 8.5” x 11” LEF / B4 LEF / 8.5” x 14” SEF
Paper Weight	52 to 128 g/m2 (14 to 34 lbs)
Tray Capacity	1,000 sheets (80 g/m2, 20lb.)

Finisher SR4080 (3K Finisher D610)	
Upper tray Capacity	500 sheets (A4, 8.5”x11”, and smaller) / 250 sheets (B4,8.5”x14” and larger)
Shift Tray Capacity	3000 sheets (A4, 8.5”x11” LEF)
	1500 sheets (A3, A4 SEF, B4, B5 SEF, 11 ”x 17”, 8.5” x 14, 8.5”x11”SEF, 12” x 18”)
	500 Sheets (A5 LEF, 5.5” x 8.5” LEF)
	100 sheets (A5 SEF, 5.5” x 8.5” SEF)
Paper Weight	52 to 216 g/m2 (14 to 58 lbs)
Stapler Stack Size	A4, B5, 8.5” x 11” (max. 100 sheets) / A3, B4, 11” x 17”, 8.5” x 14” (max 50 sheets)
Stapling Paper Size	A3 – B5 / 11” x 17” to 8.5” x 11”
Stapler Paper Weight	64 to 80 g/m2 (17 to 20 lbs.)
Trim Waste Staple Cap.	30,000 or more
Staple Capacity	5000 staples / cartridge
Staple Position	4 Modes – 1 staple / front, rear, rear oblique / 2 staples 2 locations
Staple Supply	Cartridge or staple replacement
Power Consumption	Less than 100 W
Power Source	DC 24 V (From Mainframe)

Punch Unit Type 1075 (B531) * used in SR 4080(D610)	
Punch hole positions	2/3 -hole
Punch Paper Size	2-Hole – A5 to A3 SEF, 11” x 17 “ to 5.5” x 8.5” SEF A5 to A4 LEF, 8.5” x 11” LEF, 5.5” x 8.5” LEF
	3-Hole – A3 SEF, B4 SEF, 11” x 17” SEF A4 LEF, B5 LEF, 8.5” x 11” LEF
Paper Weight	52g/m2 to 163g/m2 (14 to 43 lb.) 2 hole and 3 hole (NA)
Punch Waste Capacity	2 hole – 10K / 3 hole 15K
Operation modes	All (Shift, Proof, Staple)

Output Jogger Unit Type 9002B (B513) * used in SR 4080(D610)	
Paper Size	A4 SEF, B4 SEF, 11” x 17” A4 LEF, B5 LEF, 8.5” x 11”
Paper Weight	52 g/m2 to 216 g/m2 (14 to 58 lb.)
Power Supply	DC 24V, 5V – From Mainframe
Power Consumption	24 W

Cover Interposer Tray Type CI4000 (D614)	
Paper Size	A5 – A3 – 5.5” x 8.5” – 11” x 17”
Paper Weight	64 g/m2 to 216 g/m2 (17 lb. Bond to 80 lb. Cover)
Power Supply	DC 24V, 5V – From Mainframe
Stack Capacity	200 Sheets

Finisher SR4060 (3K Finisher D611)	
Proof tray Capacity	50 sheets (B4, 8.5” x 14”, and larger) / 250 sheets (A4, 8.5”x11” and smaller)
Proof Tray Paper Size	A5-A3 SEF, A6 SEF, A6 SEF 5 1/2"x8 1/2"-11"x17"SEF, 12"x18" S
Proof Tray Paper Weight	52 -163 (14 to 43lb. bond)
Shift Tray Capacity	3000 sheets (A4, 8.5”x11” LEF)
	1500 sheets (A3, A4 SEF, B4, B5 SEF, 11 ”x 17”, 8.5” x 14, 8.5”x11”SEF, 12” x 18”)
	500 Sheets (A5 LEF, 5.5” x 8.5” LEF)
	100 sheets (A5 SEF, B6 SEF, A6 SEF, 5.5” x 8.5” SEF)
Shift Tray Paper Weight	52 to 256 g/m2 (14 to 68 lb. Bond)
Stapler Stack Size	A4, B5, 8.5” x 11” (max. 100 sheets) / A3, B4, 11” x 17”, 8.5” x 14” (max 50 sheets)
Stapling Paper Size	A3 – B5 / 11” x 17” to 8.5” x 11”, 12” x 18”
Stapler Paper Weight	64 to 90 g/m2 (17 to 23 lbs.)
Stapled Stack capacity	Same Paper Size: 50 sheets A4, 8 1/2"x11" or smaller 30 sheets B4, 8 1/2"x14 or larger Mixed Paper Size: 30 sheets A4 LEF & A3 SEF, B5 LEF & B4 SEF, 8 1/2"x11" LEF & 11" x17" SEF
Staple Capacity	5000 staples / cartridge
Staple Position	Top, Bottom, 2 Staple, Top-slant
Staple Supply	Cartridge and or Staple replacement
Power Consumption	Less than 96 W
Power Source	DC 24 V (From Mainframe)

Finisher SR4070 (2K Finisher D612)	
Proof tray Capacity	Non Z-folded sheets: 250 sheets A4, 8 1/2"x11" or smaller 50 sheets B4, 8 1/2"x14 or larger Z-folded sheets*Please attach the support tray included in this finisher 30 sheets B4, 8 1/2"x14 or larger 20 sheets A4, 8 1/2"x11 or smaller
Proof Tray Paper weight	52 g/m2 to 163 g/m2 (14 lb. Bond to 43 lb. Bond) Non Z-folded sheets: Z-folded sheets 64 -80 g/m2 (17 – 20lb. Bond)

Finisher SR4070 (2K Finisher D612)	
Shift Tray Capacity	Non Z-folded sheets: 2,000 sheets A4 LEF, 8 1/2"x11" LEF 1,000 sheets A3 SEF, A4 SEF, B4 SEF, B5 11"x17" SEF, 8 1/2"x14" SEF, 8/1/2" x 11" SEF, 12"x18" SEF 500 sheets A5 LEF 100 sheets A5 SEF, B6 SEF, A6 SEF, 5 1/2"x8 1/2"SEF Z-folded sheets*Please attach the support tray included in this finisher 30 sheets B4, 8 1/2"x14 or larger 20 sheets A4, 8 1/2"x11 or smaller
Shift Tray Paper Weight	Non Z-folded sheets:52 - 256 g/m2 (14 – 68lb Bond) Z-folded sheets 64 - 80 g/m2 (17 – 20lb. Bond)
Stapler Stack Size	A4, B5, 8.5” x 11” (max. 100 sheets) / A3, B4, 11” x 17”, 8.5” x 14” (max 50 sheets)
Stapling Paper Size	A3 – B5 / 11” x 17” to 8.5” x 11”, 12” x 18”
Stapler Paper Weight	Normal staple - Non Z-folded sheets: 64 - 90 g/m2 (17 to 28 lbs.) Z-folded sheets: 64 - 80 g/m2 (17 to 20lb. Bond) Booklet staple - 64 -90 g/m2 (17 to 28 lbs.)
Stapled Stack capacity	Same Paper Size: 50 sheets A4, 8 1/2"x11" or smaller 30 sheets B4, 8 1/2"x14 or larger Mixed Paper Size: 30 sheets A4 LEF & A3 SEF, B5 LEF & B4 SEF 8 1/2"x11" LEF & 11" x17" SEF
Staple Capacity	Corner stapling - 5000 staples / cartridge
	Booklet stapling – 2000 staples / cartridge
Corner Staple Capacity	Same Size - A4 LEF, 8.5” x 11” LEF- 50 sheets
	Same Size - A4 SEF, 8.5” x 11” SEF- 50 sheets
	Same Size - Others – 30 sheets
	Mixed Sizes – 2 to 30 sheets
Booklet Staple Capacity	A4 SEF, A3 SEF, B5 SEF, B4 SEF – 2 to 5 sheets 8.5” x 11” SEF, 8.5” x 14”, 11” x 17” – 6 to 10 sheets 12” x 18” – 11 to 15 sheets
Staple Position	Top, Bottom, 2 Staple, Top-slant, Booklet
Staple Supply	Cartridge or staple replacement
Power Consumption	Less than 96 W
Power Source	DC 24 V (From Mainframe)

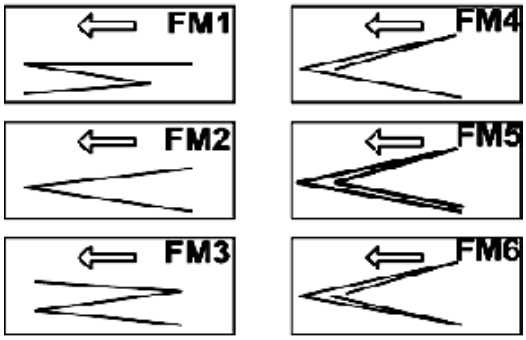
Punch Unit Type 3260 (B702) * used in SR 4060(D611), and SR4070(D612)	
Punch hole positions	2/3 hole switch able
Punch Paper Size	2-Hole – A5 to A3 SEF, 11” x 17 “ to 5.5” x 8.5” SEF A5 to A4 LEF, 8.5” x 11” LEF , 5.5” x 8.5” LEF 3-Hole – A3 SEF, B4 SEF, 11” x 17” SEF A4 LEF, B5 LEF, 8.5” x 11” LEF

Punch Unit Type 3260 (B702) * used in SR 4060(D611), and SR4070(D612)	
Paper Weight	52g/m2 to 163g/m2 (14 to 43 lb.) 2 hole and 3 hole (NA)
Punch Waste Capacity	2/3 hole – Up to 5000 sheets
Operation modes	All (Shift, Proof, Staple)

9 Bin Mailbox CS4000 (D616) * used in SR 4060(D611),SR4070(D612), and SR 4080(D610)	
Stack Capacity per Bin	100 sheets
Paper Size	A5 to A3, 11” x 17 “, 5.5” x 8.5” 8.5” x 11” 8.5” x 14
Paper Weight	52g/m2 to 128g/m2 (14 to 34 lb.)
Power Consumption	Less than 48 W
Noise	Less than 74dB

Multi Folding Unit FD4000 (D615) * used in SR4070(D612), and SR 4080(D610)	
Power Consumption	Maximum 270 W (A separate power source is required.)
Power Source	120 VAC / 60 Hz
Operating Environment	Temperature and humidity ranges: Same as main machine
Paper Weight	Single sheet mode: 64 to 103 g/m2 (17 lb. Bond - 28 lb. Bond) Multiple sheets mode: 64 to 80 g/m2 (17 lb. Bond - 20 lb. Bond)
Folding Methods	6 – (FM1 to FM6) (see below)
Speed	Straight-Through 100 to 700 mm/s Folding 270 to 700 mm/s
Straight-Through Feed	Size Postcard to 13x19.2"
	Type Used paper: A3, A4, B4, B5 / OHP: A4, B5 / Tap paper: A4 LEF, LT LEF
Paper Sizes (Folding)	FM1 - A3, B4, DLT, LG, A4, LT, 12x18", 8-kai
	FM2 - A3, B4, DLT, LG, A4, B5, LT 12x18", 12.6x18.5", 12.6x19.2", 13x18", 13x19", 13x19.2", 226x310 mm, 310x432 mm, SRA3, SRA4, 8-kai
	FM3 – FM4 – FM5 – FM6 - A3, B4, DLT, LG, A4, LT, B5, 12x18", 8-kai
Paper Weights (Folding)	64 to 105 g/m2
Multiple Folding weights	FM1 - Not allowed FM2 – FM3 - Max. 3 (64 to 80 g/m2 only) FM4 - Max. 3 (64 to 80 g/m2 , B4, A4, LT, B5 only) FM5 – FM6 - Not allowed
Line Speed	Only FM1 Z-Folded paper can exit downstream No Fold - 350 mm/sec. to top tray To downstream: Same as main machine FM1 - 700 mm/sec. to top tray (paper ≤ 355.6 mm long) 450 mm/sec. to top tray (paper < 355.6 mm long) To downstream: Same as main machine.
	FM2 - 1 Sheet: Same as main machine - 2-3 Sheets: 454 mm/sec. 700 mm/sec. to top tray (paper ≤ 355.6 mm long) 350 mm/sec. to top tray

Multi Folding Unit FD4000 (D615) * used in SR4070(D612), and SR 4080(D610)	
	(paper ≤ 279.4 <355.6 mm long) 250 mm/sec. to top tray (paper < 279.4 mm long
	FM3 - FM4 - 1 Sheet: Same as main machine - 2-3 Sheets: 454 mm/sec. to top tray - 350 mm/sec. to top tray (paper ≤ 420 mm long) 250 mm/sec. to top tray (paper < 420 mm long)
	FM5 - 1 Sheet: Same as main machine 350 mm/sec. to top tray (paper ≤ 420 mm long) 250 mm/sec. to top tray (paper < 420 mm long)
	FM6 - 1 Sheet: Same as main machine as far as 3rd Stopper. At 3rd stopper feeds 50 mm at 100 mm/sec. 350 mm/sec. to top tray (paper ≤ 420 mm long) 250 mm/sec. to top tray (paper < 420 mm long)
Power Supply	NA AC 120V 60 Hz, 15A
Level	Less than 5 mm deviation at front/back left/right
Size (w x d x h)	466 x 980 x 730 mm (18.4 x 38.6 x 28.7 in.)
Weight	92 kg (203 lb)
Noise Level (dB A)	No Folding < 76 dB / Folding < 78 dB



Multi Folding Unit FD4000 (D615) * used in SR4070(D612), and SR 4080(D610)	
FM1	Z Folding
FM2	Half Fold
FM3	Letter Fold-out
FM4	Letter Fold-in
FM5	Double Parallel Fold
FM6	Gate Fold

Tray Capacity

FM1 (Z Folding)

Size	Weight (Standard) 64 to 80 g/m2	Weight (Heavy) 64 to 80 g/m2
12 x 18"	35	20
A3 SEF	35	20

DLT	35	20
B4 SEF	35	20
LG SEF	35	20
Size	**Weight (Standard) 64 to 80 g/m2**	**Weight (Heavy) 64 to 80 g/m2**
A4 SEF	30	20
LT SEF	30	20

FM2 Half Fold

Size	**Weight (Standard) 64 to 80 g/m2**	**Weight (Heavy) 64 to 80 g/m2**
13 x 19.2”	40	25
13 x 19"	40	25
12.6 x 19.2"	40	25
12.6 x 18.5"	40	25
Size	**Weight (Standard) 64 to 80 g/m2**	**Weight (Heavy) 64 to 80 g/m2**
13 x 18"	40	25
SRA3 (320 x 450 mm)	40	25
SRA4 (225 x 320 mm)	40	25
226 x 310 mm	40	25
310 x 432 mm	40	25
12 x 18"	40	25
A3 SEF	40	25
DLT	40	25
B4 SEF	40	25
LG SEF	40	25
A4 SEF	50	50
LT SEF	50	50
B5 SEF	50	50

FM3 (Letter Fold-out)

Size	**Weight (Standard) 64 to 80 g/m2**	**Weight (Heavy) 64 to 80 g/m2**
12 x 18"	30	20
A3 SEF	30	20
DLT	30	20

Subject to change without notice

B4 SEF	30	20
LG SEF	30	20
A4 SEF	40	30
LT SEF	40	30
Size	**Weight (Standard) 64 to 80 g/m2**	**Weight (Heavy) 64 to 80 g/m2**
B5 SEF	40	30

FM4 (Letter Fold-in)

Size	Weight (Standard) 64 to 80 g/m2	Weight (Heavy) 64 to 80 g/m2
12 x 18"	40	20
A3 SEF	40	20
DLT	40	20
B4 SEF	40	20
Size	**Weight (Standard) 64 to 80 g/m2**	**Weight (Heavy) 64 to 80 g/m2**
LG SEF	40	20
A4 SEF	50	40
LT SEF	50	40
B5 SEF	50	40

FM5 (Double Parallel Fold)

Size	Weight (Standard) 64 to 80 g/m2	Weight (Heavy) 64 to 80 g/m2
12 x 18"	30	20
A3 SEF	30	20
DLT	30	20
B4 SEF	30	20
LG SEF	30	20
A4 SEF	30	30
LT SEF	30	30
B5 SEF	30	30

FM6 (Gate Fold)

Size	Weight (Standard) 64 to 80 g/m2	Weight (Heavy) 64 to 80 g/m2

12 x 18"	50	20
A3 SEF	50	20
DLT	50	20
B4 SEF	50	20

Size	Weight (Standard) 64 to 80 g/m2	Weight (Heavy) 64 to 80 g/m2
LG SEF	50	20
A4 SEF	30	30
LT SEF	30	30
B5 SEF	30	30

Document Server

Capacity	
HDD Capacity	160 GB
Maximum pages per Document	3000 pages
Maximum Stored Documents	3000 Documents
Maximum pages for all stored Documents	10,000 pages

MFP Options

Scanner	
Resolution	100 / 200 / 300 / 400 / 600 dpi (Default =200dpi)
Max. Scan area	11.7 x 17 inches (297 x 432 mm)
Auto size detection	Yes
sRGB Support	RGB equivalent to sRGB
Network Interface:	Ethernet 10 Base-T/100BaseTX, 1000base T(option) USB 2.0, USB Host, Wireless LAN(802.11 a/b/g)
Protocol:	Network: TCP/IP Sending E-mail: SMTP, POP3 Scan to Folder: SMB, FTP, NCP
File Format	Single Page: TIFF/JPEG, PDF, High Compression PDF, Encrypt PDF Multi Page: TIFF, PDF, High Compression PDF, PDF
Scan Type	Standard: BW: Text, BW :Text/Line Art, BW Text/Photo, BW Photo, Gray Scale, FC Photo: Text/Photo, FC Photo: Glossy Photo, Auto Color Select
Image Density	Auto Density Selection Manual: 7 levels
SADF / Batch Mode:	Yes
Mixed Size Mode:	Yes

Subject to change without notice

Scan to E-Mail	
Requirement:	SMTP (Mail Server) Gateway and TCP/IP
Authorization	SMTP authentication - POP before SMTP
Resolution:	100dpi, 200dpi (Default), 300dpi, 400dpi, 600dpi
MAX E-mail address# in HDD:	2,000 addresses
Register Group address in HDD:	Max. 100 Group Address
Maintain E-mail address in HDD:	Direct input on operation panel, Web Image Monitor, Smart Net Monitor for Admin
Input of destination E-mail address via soft key:	Possible, Max. 100 destinations per job
Search E-mail address in HDD:	By name, E-mail address
LDAP Search:	Yes
Max. address numbers per send:	Max. 500 addresses per send
Address numbers per send:	Address from HDD address book *1 Max. 500 Address from direct input via soft key *1 *2 Max 100 Address look up via LDAP Max 100
E-mail Size (with restriction	128 - 102,400KB, Default = 2,048KB
E-mail Size (w/o restriction):	1GB
File type:	Single Page TIFF/JPEG, Single Page PDF, Multi Page TIFF, Multi Page PDF, High Compression PDF
Program User Setting:	Yes (up to 10 programs)
Divide and send e-mail:	Yes (By page)
Resend:	Yes / No, Default = Yes

Scan to Folder	
Protocol Support:	SMB, FTP, NCP
Security:	Client folder log-in (log-in name and password), Encryption of log-in name and password during transmission
Resolution:	100dpi, 200dpi (Default), 300dpi, 400dpi, 600dpi
Register client folder address in HDD:	Max. 2,000 folders
Maintain client folder address in HDD:	Direct input on operation panel, Web Image Monitor, Smart Device Monitor
Destination client folder address input via soft key:	Yes SMB: Network path->Client folder->Password FTB: Server->Network path->User account->Password NCP: Network path->User account->Password->Connection Type: NDS/Bindery
Search client folder:	SMB: Browsing directly to the designated folders FTP: By client folder name NCP: Browsing
Max. client folder numbers per send:	Max. 50 client folders / PCs per send
Group address:	Max. 50 destinations
Scan File Size:	Up to 2000MB
File Size when combined Scan to Folder & Scan to E-mail:	Depend on Email Size restriction of Scan to Email.

Subject to change without notice

Scan to Folder	
File type:	Single Page: TIFF, JPEG, PDF, High Compression PDF, Encypted PDF Multi Page: TIFF, PDF, High Compression PDF, Encypted PDF
Program User Setting:	Yes (up to 10 programs)
Resend:	Yes / No, Default = Yes

Network Twain	
OS	32bit/64bit: Windows XP, Vista, 7, Server2003/2008 64bit: Windows Server 2008R2 (Operates in 32-bit compatibility mode on 64-bit operating systems)
Scanning Speed	TBA
Resolution	100 – 1200 DPI
Scan Mode	Standard / Photo / OCR / Filing
Image Adjustment	Brightness / Contrast / Threshold /Gamma Adjustment / Halftone Pattern
Endorser	Date / Page Number / Text
Stamp	No

Fax	
Circuit:	PSTN (max 3 Ch.) PABX
Connection	Direct couple
Resolution:	G3 8x3.85 line/mm (standard), 200x100dpi(std) 8x7.7 line/mm (detail), 200x200dpi(std) 8x15.4 line/mm (fine), 16x15.4 line/mm (superfine), 400x400dpi(optional expansion memory required)
Compression method:	MH, MR, MMR, JBIG
Scanning Method	Flat bed, with CCD
Scanning speed (DF Used):	Less than 0.80sec（200x100dpi、A4 SEF）
Modem speed:	33.6K – 2,400bps (G3, Standard with Automatic Shift Down) (33600, 31200, 28800, 26400, 24000, 21600, 19200, 16800, 14400, 12000, 9600, 7200, 4800, 2400 bps)
Transmission Time	G3: 3s at 28800 bps; Measured with G3 ECM using memory for an ITU-T #1 test document (Slerexe letter) at standard resolution
Page Memory Size:	Standard 8MB With Optional Memory 16MB
SAF Memory Size	Standard 4MB With Optional Memory 28MB
Memory Transmission File	400 with or without expansion memory
Maximum # of	1000 with or without expansion memory

Fax	
pages for memory transmit	
Memory capacity Memory Transmit	320 without the expansion memory 2240 with the expansion memory
Quick dial/ Speed dial:	Standard: 2,000 numbers
Group dial:	Standard: 100 groups (500 numbers per 1 group)
Program:	Standard: 100 numbers
Fax line Assign.	Standard

Internet Fax (T.37 Full mode) Basic Specification	
Requirements of mainframe	G3 fax option is required Printer Scanner option is required
Number of Addresses	2000 HDD storage
E-mail Address Input	From LCD operation panel / Web image Monitor / Smart Device Monitor for ADMIN
Attention:	To: or BCC (select only one), Max 500 attentions
Destination Combination:	Internet fax + G3 Fax, Internet Fax to PC + G3 Fax
Network	LAN: Local area network Ethernet 10Base T / 100Base TX IEEE802.11b (Wireless LAN)
Transmit Function	E-mail
Scan line density	200 x 100dpi (standard) 200 x 200 (Detail) 200 x 400 (Fine) *1 400 x 400 (Superfine) *1
Maximum Original Size	A3 / DLT
Communication Protocols	Transmission: SMTP, TCP/IP Reception: POP3, SMTP, IMAP4, TCP/IP
E-mail format	Single/Multi part, MIME conversion Attached file forms: TIFF-F(MH, MR , MMR compression)
Authentication method:	SMTP-AUTH, POP before SMTP, A-POP
Internet Communication	Send and receive e-mail with a computer that has an e-mail address
E-mail send functions:	Automatic conversion of sent documents to e-mail format and e-mail transmission. Memory transmission only
E-mail receive functions:	Automatic detection and printing of appended TIFF-F (MH) files and ASCII text Memory reception only

IP-Fax Specifications	
Network:	LAN: Local Area Network Ethernet（100BASE-TX/10BASE-T）, Gigabit Ethernet（1000BASE-T）(option) Wireless LAN(IEEE802.11a/b/g)(option)
Scan line density:	8 x 3.85 lines/mm, 200 x 100 dpi (Standard character), 8 x 7.7 lines/mm, 200 x 200 dpi (Details character), 8 x 15.4 lines/mm (Fine character: optional expansion memory required), 16 x 15.4 lines/mm, 400 x 400 dpi (Super Fine character: optional expansion memory required)

Subject to change without notice

IP-Fax Specifications	
Original size:	Maximum A3 or 11” x 17” (DLT)
Maximum scanning size:	Maximum A3 or 11” x 17” (DLT)
Transmission protocol:	Recommended: T.38 Annex, TCP, UDP/IP communication, SIP(RFC 3261 compliant), H.323 v2
IP-Fax transmission function:	Specify an IP address and send faxes to an IP-Faxcompatible fax through a network. Also capable of sending faxes from a G3 fax connected to a telephone line via a VoIP gateway.
Compatible machines:	IP-Fax compatible machines
IP-Fax reception function:	Receive faxes sent from an IP-Fax compatible fax through a network. Also capable of receiving faxes from a G3 fax connected to a telephone line via a VoIP gateway

LAN-Fax Specifications	
Paper Size:	A3, DLT, B4, A4 (default for EU/Asia model), Letter (default for NA model), Legal, B5, A5
Resolution:	-Super Fine (400 x 400 dpi) -Detail (200 x 200 dpi) *default Standard (200 x 100 dpi)
Number of Address:	500
OS:	Windows 2000, Windows XP, Windows VistaWindows XP, Windows Vista, WindowsServer2003, WindowsServer2008, Windows 7, WindowsServer2008R2
LAN-Fax Editor support language:	1.English, 2.German, 3.French, 4.Italian, 5.Spanish, 6.Dutch, 7.Swedish, 8.Norwegian, 9.Danish, 10.Finnish, 11.Hungarian, 12.Czech, 13.Polish, 14.Portuguese, 15.Russian, 16.Catalan, 17.Traditional Chinese, 18.Simplified Chinese, 19 Turkish, 20 Greek, 21 Brazilian Portuguese Condition: OS need to have the same language..

MFP Supported Environments

Windows Environments					
OS	**Type**	**PCL5e**	**PCL6**	**PostScript3**	**XPS**
Windows 2000	Professional	N	N	N	N
	Server	N	N	N	N
	Advanced Server	N	N	N	N
	Datacenter Server	N	N	N	N
Windows XP	Professional	Y	Y	Y	N
	Home Edition	Y	Y	Y	N
Windows VISTA	Starter	N	N	N	N
	Home Basic	Y	Y	Y	Y
	Home Premium	Y	Y	Y	Y
	Business	Y	Y	Y	Y
	Ultimate	Y	Y	Y	Y
	Enterprise	Y	Y	Y	Y
Windows 7	Starter	N	N	N	N
	Home Basic	N	N	N	N
	Home Premium	Y	Y	Y	Y
	Business	Y	Y	Y	Y
	Ultimate	Y	Y	Y	Y

	Enterprise	Y	Y	Y	Y
Windows Server 2003	Standard Edition	Y	Y	Y	N
	Enterprise Edition	Y	Y	Y	N
	Datacenter Edition	N	N	N	N
	Web Edition	N	N	N	N
Windows Server 2008	Standard Edition	Y	Y	Y	Y
	Enterprise Edition	Y	Y	Y	Y
	Datacenter Edition	N	N	N	N
	Web Edition	N	N	N	N
Windows Server 2008 R2	Standard Edition	Y	Y	Y	Y
	Enterprise Edition	Y	Y	Y	Y
	Datacenter Edition	N	N	N	N
	Web Edition	N	N	N	N

***RPCS driver does Has been discontinued

Point and Print

Windows OS			**Driver**	
Server	**Client (push to)**	**PCL5E/6**	**PostScript3**	**XPS**
Windows Server 2003	7	Y	Y	N
	Vista	Y	Y	N
	XP	Y	Y	N
	W2K Pro	N	N	N
Windows Server 2003R2	7	Y	Y	N
	Vista	Y	Y	N
	XP	Y	Y	N
	W2K Pro	N	N	N
Windows Server 2008	7	Y	Y	Y
	Vista	Y	Y	Y
	XP	Y	Y	N
	W2K Pro	N	N	N
Windows Server 2008R2	7	Y	Y	Y
	Vista	Y	Y	Y
	XP	Y	Y	N
	W2K Pro	N	N	N
Windows 2000 Professional Server & Advanced Server	7	N	N	N
	Vista	N	N	N
	XP	N	N	N
	W2K Pro	N	N	N
Windows XP Professional	7	Y	Y	N
	Vista	Y	Y	N
	XP	Y	Y	N
	W2K Pro	N	N	N

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Windows Vista	7	Y	Y	Y
	Vista	Y	Y	Y
	XP	Y	Y	N
	W2K Pro	N	N	N

*RPCS driver has been discontinued.

Terminal Service & Citrix MetaFrame			
Server	**Driver**		
	PCL5e	PCL6	PS
Win Server 2008R2	Y	Y	Y
Win Server 2008	Y	Y	Y
Win Server 2003	Y	Y	Y
Win Server 2003R2	Y	Y	Y
Win 2000 Server	N	N	N
Win Server 2003 + MetaFrame	N	N	N
Win 2000 Server + MetaFrame	N	N	N
Win Server 2003 + Citrix PresentationServer4.0	N	N	N
Win 2000 Server + Citrix PresentationServer4.0	N	N	N
Win Server 2003 + Citrix PresentationServer4.5	Y	Y	Y
Win Server 2003R2 + Citrix PresentationServer4.5	Y	Y	Y
Win Server 2008 + XenApp5.0	Y	Y	Y
Win Server 2008R2 + XenApp6.0	Y	Y	Y
Win Server 2008R2 + XenApp6.5	Y	Y	Y

*RPCS driver has been discontinued.

*XPS driver is not supported in the environment of terminal service and Citrix MetaFrame.

*Even "Yes" is put in the cell, there is a case driver is not supported under the combination of FR and Service Pack of Meta F

*Following combinations of operating system and Citrix MetaFrame are supported.

Windows 2003 Server

1. Windows Terminal Service (RDP protocol)
2. Citrix PresentationServer4.5

3. Citrix XenApp5.0

Windows Server 2008

1. Windows Terminal Service (RDP protocol)
2. Citrix XenApp5.0

Windows Server 2008R2

1. Windows Terminal Service (RDP protocol)
2. Citrix XenApp6.0
3. Citrix XenApp6.5

Mac OS

	PostScript3	Printer Utility for MAC
Mac OS 8.6 or later, Mac OS X classic	N	N
Mac OS X Native: v.10.2 or later*1	Y	N

*1: Mac OS X v10.0.x and v.10.1.x are not supported.

UNIX Filter

Unix Platforms	Version
Sun Solaris	2.6/7/8/9/10
HP-UX	10.x/11.x/11i v2/11i v3
Red Hat Linux	Enterprise V4, V5, V6
SCO OpenServer	5.0.6/5.0.7/6.0
IBM AIX	5L V5.3, V6.1, V7.1

Novell Netware

Netware Server*	Supported Version	Netware 6.5
	Client OS	Windows XP professional/Vista/2003/2008/7

* Netware option is required.

SAP R/3 Environment (Device Type / Barcode & OCR Package)

Supported Barcode & OCR Fonts*	Barcode Fonts (Support Latin 1 only)	**Code 128, Code 39, Code 93, Codabar,** 2 of 5 interleaved/Industrial/Matrix, MSI, USPS, UPC/EAN
	OCR Fonts	OCR A, OCR B

Device type will be provided from SAP itself in SAP Printer Vendor Program.
For the detailed specification, please refer to another announcement to be issued in the future.

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Utility Software

Software	Description
For GW Controller Font Manager	This software enables you to use screen fonts.
Smart Device Monitor for Admin	This software enables you to manage and monitor printers and other devices over the network.
DeskTopBinder – SmartDeviceMonitor for Client	This software enables you to access networked printers to print, monitor or to receive notifications. With DeskTopBinder Lite you can connect client computers to I/O devices enabling you to efficiently manage data.
Device Graphic Update Module	Device Graphic Update Module provides bitmap images used to represent the various statuses of devices graphically within Smart Device Monitor or Web Smart Device Monitor. Available on website.
Printer Utility for Mac	This is a utility for Macintosh that provides access to several network printing administrative features.
PS Descriptions	PPD for Mac By interacting with the Adobe PostScript 3 controller in the device, this PPD is able to produce an accurate representation of the screen image.
Mac OS X PPD Installer	This PPD installer is used to install a PPD (Postscript Printer Description) file on Mac OSX. PPD files contain descriptions of printer capabilities such as paper sizes, number of input trays and duplexing. Once the PPD file is installed on the system using the PPD installer, the PS driver that comes bundled with Mac OS X can use the information in the PPD to control the print device and enable full functionality. It supports the Mac OS X 10.1 or later. Please see the Readme file for information about compatibility with versions of Mac OS X.
LAN FAX Driver M8	This software enables you to fax documents directly from your computer. The Address Book Editor and Cover Sheet Editor are installed as well. This software requires the optional fax unit to be installed on the machine. M8 Driver
PCL 6 Driver	Printer driver for B/W printing in Windows. It supports HP PCL XL commands and is optimized for the Windows GDI. High performance printing can be expected.
PCL 5e Driver	Printer driver for printing in Windows. It supports HP PCL 5e commands.
Post Script Driver	By interacting with the Adobe PostScript 3 controller in the device, this driver is able to produce an accurate representation of the screen image.

Print Driver Information

Features	PCL5e	PCL6	Postscript3 Windows XP/Vista/7	Postscript3 Mac OSX v.10.2 or later	XPS
Send to job Binding	N	N	N	N	N
Send to Document Server	Y	Y	Y	Y	Y
Sample Print	Y	Y	Y	Y	Y
Locked Print	Y	Y	Y	Y	Y
Hold Print	Y	Y	Y	Y	Y
Scheduled Print	N	N	Y	Y*2	N
Stored Print	Y	Y	Y	Y	Y
Stored Print(Shared)	Y	Y	N	N	N
Store and Print	Y	Y	Y	Y	Y
Store and Print(Shared)	Y	Y	N	N	N
Reduce/Enlarge (Zoom/Scaling)	Y*3	Y	Y	Y	Y
Reduce/Enlarge Centering	N	Y*3	N	N	N
Fit to Paper Size	Y	Y	Y	Y	N
Unauthorized Copy Control	N	Y	Y	Y	N
Layout(N-up, Page per sheet)	Y	Y	Y	Y	Y
Poster	N	N	N	N	N
Duplex	Y	Y	Y	Y	Y
Booklet 1	N	N	N	N	N
Booklet 2(Magazine)	Y	Y	Y	Y	Y
Non-Reduction Booklet	Y	N	N	N	N
Layout + Booklet	N	Y	Y	Y	N
Watermark	Y	Y	Y	Y	N
Overlay	N	N	N	N	N
Header/Footer	N	N	N	N	N
Adjust Image Position	N	N	N	N	N
Binding Margins	N	N	N	N	N
Collate	Y	Y	Y	Y	Y
Punch	Y	Y	Y	Y	Y
Staple	Y	Y	Y	Y	Y
Cover Sheet (Front Cover)	Y	Y	N	N	N
Front and Back Cover	Y	Y	N	N	N
Slip Sheet	Y	Y	N	N	Y
Banner Page Print	Y	Y	Y	Y	N
Chaptering	Y	Y	N	N	N
Rotate by 180 degrees	Y	Y	Y	Y	Y
Reverse Order Print	N	Y	Y	Y*5	Y

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Features	PCL5e	PCL6	Postscript3 Windows XP/Vista/7	Postscript3 Mac OSX v.10.2 or later	XPS
Do not print Blank Pages	Y*4	N	N	N	N
Dithering	N	N	Y	Y	N
Toner Saving	Y	Y	Y	Y	Y
Black Over Print	N	N	N	N	N
CLP Color Simulation	N	N	N	N	N
Print Priority Setting :Quality	N	Y	N	N	N
Print Priority Setting :Speed	N	Y	N	N	N
Print Priority Setting :High Speed	N	Y	N	N	N
User ID	Y	Y	Y	Y	Y
User Code	Y	Y	Y	Y	Y
User Authentication	Y	Y	N	N	N
Encryption/Encoding	Y	Y	N	N	N
Mirror image Print	N	N	Y	N	N
Negative Image Print	N	N	Y	N	N

*RPCS driver has been discontinued.
*1: This function is not supported for PCL5e driver.
*2: This function is available on Mac OS 10.5 or later.
*3: "Centering" feature cannot be selected from PCL driver. However PCL has this feature as the original function.
*4: This feature cannot be set from printer driver but is set "On" at "PCL setting" of MFP.
*5: This function is available on Mac OS 10.3 or later.

Counters

- User Tools / Counter → Counter → OK →Print → Start - User Tools / Counter → Arrow Down → System Settings → OK→ Arrow up until Administrator Tools

	Type	What is included in Meter	Q'ty	Location	Total number of digits
1	Electronic	Total Counter	1	Control Panel	8
2	Electronic	Copier Counter	1	Control Panel	8
3	Electronic	Printer Counter	1	Control Panel	8
4	Electronic	Fax Counter	1	Control Panel	8
5	Electronic	Scanner Counter	1	Control Panel	8
6	Mechanical	Total Counter (Service Option)	1	Area visible when right rear cover is opened	7

	Type	What is included in Meter	Max Value	Next value after max value
1	Electronic	Total Counter	99,999,999	Roll over to Zero again
2	Electronic	Copier Counter	99,999,999	Roll over to Zero again
3	Electronic	Printer Counter	99,999,999	Roll over to Zero again
4	Electronic	Fax Counter	99,999,999	Roll over to Zero again
5	Electronic	Scanner Counter	99,999,999	Roll over to Zero again
6	Mechanical	Total Counter (Service Option)	9,999,999	Roll over to Zero again

Paper

Recommended Throughput Material

Not Applicable

Non Recommended Throughput Material

Refer to pages in the Operators Instructions Hardware Guide.
Do not use any of the following kinds of paper or a fault might occur:

- Aluminum Foil, Carbon paper,
- Conductive paper
- Paper meant for an inkjet printer
- Bent, folded, or creased paper
- Torn paper
- Thermal fax paper
- Art paper
- Paper with perforated lines
- Hemmed-edge paper
- Tab stock
- Slippery paper
- Perforated paper
- Rough paper
- Thin paper with little stiffness
- Paper with a dusty surface

Special Paper

Not Applicable

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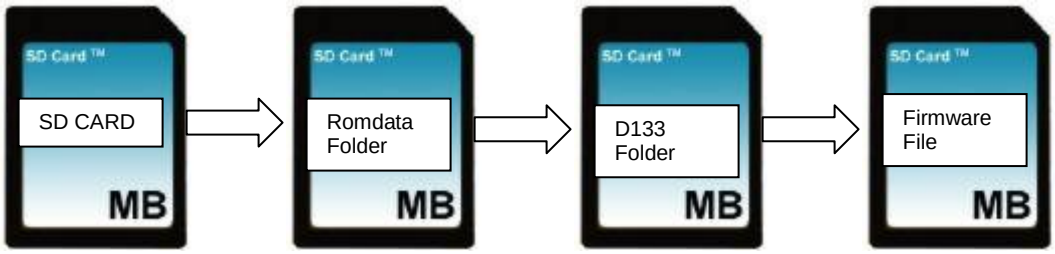
Firmware Information

Firmware SD Card	Firmware Type
ADF Document Feeder	ADF
Engine	Engine
Fax	Fax
Finisher (SR4060/SR4070/SR4080)	Finisher (SR4060/SR4070/SR4080)
Language Install	Language Install
Network DocBox	Net File
Network Support	Network Support
OpePanel.EXP	LCDC
Printer	Printer
PDF	PDF
PS3	PS3
PCL	PCL
Remote Fax	Rfax
RPCS	RPCS
Scanner	Scanner
System/Copy	System/Copy
Web Support	Web Support
Web Uapl	Web Uapl

SD Card Arrangement



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Product Support Guide
D131 / D132 / D133

Contact Information

Name	Contact
Technical Services Call Center (Hotline)	Ricoh: (800) 537-4264 Savin: (800) 291-6044 Lanier: (800) 333-3147
Application Help Desk (Software Issues)	Ricoh Phone Card: 2 Call - 000781MIU, 5 Call - 000900MIU Savin Phone Card: 2 Call - 12992, 5 Call - 12993
Hytec Parts and Logistics Control	(800) 557-4264 http://www.nrc-usa.com
Technology Solutions Center Web Site	http://www.tscweb.net
Headquarter Web Sites	Ricoh Corporation: http://www.ricoh-usa.com Savin Corporation: http://www.savin.com Lanier Corporation: http://www.lanier.com IKON A Ricoh Company: http://www.ikon.com/
Material Safety Data Sheets	(800) 336-MSDS (6737)
Ricoh University	973.882.2200. http://www.ricohuniversity.com

Training Information

D131/D132/D133 will be added to the list of products currently being supported by RBS Direct Branches. Technicians certified on the D052 / D062 series machine will be certified on the **D131/D132/D133** series machines after completion of the **D131/D132/D133** Self paced update.
All other technicians will need to complete a two parts **D131/D132/D133** Blended Learning Course.

Documentation

Description	RFG E-Source Number
Parts Manual	RFG054096
Service Manual	RFG054095
Point to Point	RFG054097
D131 Series Blended Learning Pt 1	RFG05409
Service Documentation Update Package	RFG05409
Operation Manual	RFG054098

Please refer to the http://www.ricohuniversity.com/ web site for the most up to date training information.

Please be aware that once a model or series is out of production, the Field Service Manual, Technical Service Bulletins and Ricoh University should be referenced for the most current information. Check the TSC website and eSource.

Revisions

1.0 Original

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